

INTERNATIONAL SEARCH REPORT

International application No.

PCT/KR2004/003346

A. CLASSIFICATION OF SUBJECT MATTER**IPC7 G06F 17/30**

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7 G06F 17/30

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
Korean patents and applications for inventions since 1975 and Korean utility models and applications for utility models since 1975
Japanese utility models and applications for utility models since 1975

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
eKIPASS "DID, METADATA, SERVICE"

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
P, A	EP1475702A2 (SAMSUNG ELECTRONICS CO., LTD.) 10 NOVEMBER 2004 the whole document	1,4, 7-9
P, A	US20040064833A1 (KOREA ELECTRONICS TECHNOLOGY INSTITUTE) 1 APRIL 2004 the whole document	1,4, 7-9
P, A	WO2003075575A1 (MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.) 22 OCTOBER 2004 see the claim	1-12

☐ Further documents are listed in the continuation of Box C.☒ See patent family annex.

* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

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"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

Date of the actual completion of the international search

29 MARCH 2005 (29.03.2005)

Date of mailing of the international search report

30 MARCH 2005 (30.03.2005)

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INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.

PCT/KR2004/003346

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
EP1475702A2	10.11.2004	JP2004320752A2	11.11.2004
		JP16320752	11.11.2004
		JP16320752	11.11.2004
		US2004208480A1	21.10.2004
		US20040208480A1	21.10.2004
		US2004208480AA	21.10.2004
		KR1020040090836	27.10.2004
US20040064833A1	01.04.2004	JP2004265375A2	24.09.2004
		JP16265375	24.09.2004
		KR1020040032260	17.04.2004
WO2003075575A1	12.09.2003	EP01397919A1	17.03.2004
		EP1397919A1	17.03.2004
		EP1397919A1	17.03.2004
		JP2004129197A2	22.04.2004
		JP16129197	22.04.2004
		JP16129197	22.04.2004
		US2004139023A1	15.07.2004
		US20040139023A1	15.07.2004
		US2004139023AA	15.07.2004
		WO2005001044A2	06.01.2005
		KR1020040090389	22.10.2004